

Ship Jan 3, 2017

Work Order ID 154353

154353

Page 1

Friday, December 09, 2016 1:29:52 PM

Item ID: D412-760-111 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Aft Cabin Wall & Pylon Protector
Start Date: 12/12/2016 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 12/15/2016 Req'd Qty: 1.00 *1* Customer:
Reference:

Approvals: Process Plan: 18 Date: 12/12/09 Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D412-760	G	DEC 13 2016	DAS 6 9-89				DAS 21 9-89	16-12-13	
100	Document Control	0.00							
100									
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D412-760-111 CHG002								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.01							
Quality Control									

DAS
27
9-89

DEC 14 2016

DEC 13 2016

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

DEC 14 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY					
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐						
Misidentified ☐	Past Due ☐							

Work Order ID 154353

Friday, December 09, 2016 1:29:52 PM

154353

Page 2

Item ID: D412-760-111

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Aft Cabin Wall & Pylon Protector

Start Date: 12/12/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/15/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00

130

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-760-011
Location: FG040DAS
27
9-89

DEC 14 2016

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.02

Quality Control

DAS
21
9-89

DEC 19 2016

MF
16-12-16

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause			FAULT CATEGORY								
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____							
Misidentified	☐	Past Due	☐								

Friday, December 09, 2016 1:30:04 PM

Page 1/

154353

D412-760-111

Required Date: 12/15/2016

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3933-1 *D3933-1* ✓ Aft Wall Protector		Manufactured	No			110	Each	0.0000	1	1		DAS 6 28 9-89	DEC 15 2016
D3933-2 *D3933-2* ✓ Aft Wall Protector, RH		Manufactured	No			110	Each	0.0000	1	1		DAS 6 28 9-89	DEC 15 2016
D3935-1 *D3935-1* ✓ Pylon Wall Protector, LH		Manufactured	No			110	Each	0.0000	1	1		DAS 6 28 9-89	DEC 15 2016
D3935-2 *D3935-2* ✓ Pylon Wall		Manufactured	No			110	Each	1.0000	1	1		DAS 6 28 9-89	DEC 15 2016
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>				DAS 6 28 9-89	
				ST540		1							
				152971		1							
D3942-1 *D3942-1* ✓ Angle		Manufactured	No			110	Each	14.0000	14	14		DAS 6 28 9-89	DEC 13 2016
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>				DAS 6 28 9-89	
				ST060		14							
				153033		14							
D3942-3 *D3942-3* ✓ Clip		Manufactured	No			110	Each	11.0000	10	10		DAS 6 28 9-89	DEC 13 2016
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>				DAS 6 28 9-89	
				ST060		11							
				152905		11							

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order update only

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No. _____		Rework ☐		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
NCR No. _____		Scrap ☐		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
		Use-as-is ☐		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
		Suspected Unapproved ☐		Large Fab ☐	Composite ☐	Supplier ☐			
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition					
				Completed By					
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Picklist Print

Friday, December 09, 2016 1:30:05 PM

Work Order ID: 154353

154353

Parent Item: D412-760-111

D412-760-111

Parent Item Name: Aft Cabin Wall & Pylon Protector

Start Date: 12/12/2016

Required Date: 12/15/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-4-10

Purchased

No

110

Each

100.0000

4

4

MS27039-4-10

Screw

DEC 13 2016

DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

ST279

100

m135603

100

4

MS27039-4-14

Purchased

No

110

Each

26.0000

6

6

MS27039-4-14

SCREW

DEC 13 2016

DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

ST279

26

m135058

26

6

MS27039-5-08

Purchased

No

110

Each

37.0000

6

6

MS27039-5-08

Screw

DEC 13 2016

DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

ST279

37

m135359

37

6

MS27039-5-12

Purchased

No

110

Each

30.0000

8

8

MS27039-5-12

Screw

DEC 13 2016

DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

ST278

30

m135127

10

m136182

20

8

DAS 27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
QC / QA Coordinator Approval									

Root Cause				FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____					
Misidentified ☐	Past Due ☐						

Work Order ID 154353

Tuesday, December 13, 2016 1:40:55 PM

154353

Page 1

Item ID: D412-760-111

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Aft Cabin Wall & Pylon Protector

Start Date: 12/12/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/15/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN D412-760

G

100

Document Control

0.00

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D412-760-111 CHG002

DAS
21
9-89

DEC 13 2016

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.01

Quality Control

Qty -111	Qty -113	Part Number	Description
X		D412-760-111	AFT CABIN WALL AND PYLON PROTECTOR KIT
	X	D412-760-113	AFT CABIN WALL AND PYLON PROTECTOR KIT
1	1	D3933-1	LH AFT CABIN WALL PROTECTOR
1	1	D3933-2	RH AFT CABIN WALL PROTECTOR
1		D3935-1	LH PYLON PROTECTOR
1		D3935-2	RH PYLON PROTECTOR
	1	D3935-3	LH PYLON PROTECTOR
	1	D3935-4	RH PYLON PROTECTOR
14	14	D3942-1	ANGLE
10	10	D3942-3	CLIP
4	4	MS27039-4-10	SCREW
6	6	MS27039-4-14	SCREW
6	6	MS27039-5-08	SCREW
8	8	MS27039-5-12	SCREW

Qty -211	Qty -213	Qty -215	Qty -217	Part Number	Description
X				D412-760-211	BAGGAGE COMPARTMENT PROTECTOR KIT
	X			D412-760-213	BAGGAGE COMPARTMENT CEILING PROTECTOR KIT
		X		D412-760-215	CARGO FLOOR PROTECTOR KIT
			X	D412-760-217	LIGHTWEIGHT BAGGAGE COMPARTMENT PROTECTOR KIT
36	7	8		D3628-1	CUPPED WASHER
			43	D3628-5	CUPPED WASHER
1				D3876-1	RH FORWARD WALL PROTECTOR
1				D3876-3	FORWARD WALL PROTECTOR
1				D3876-5	LH WALL PROTECTOR
1				D3876-7	AFT WALL PROTECTOR
1				D3876-9	RH AFT WALL PROTECTOR
1		1		D3876-11	FLOOR PROTECTOR
1				D3876-13	DOOR PROTECTOR
1		1		D3952-1	PLACARD
			1	D3952-3	PLACARD
	1			D4438-1	CEILING PROTECTOR
			1	D4640-1	RH FWD WALL PROTECTOR
			1	D4640-3	FORWARD WALL PROTECTOR
			1	D4640-5	LH WALL PROTECTOR
			1	D4640-7	AFT WALL PROTECTOR
			1	D4640-9	RH AFT WALL PROTECTOR
			1	D4640-11	FLOOR PROTECTOR
			1	D4640-13	DOOR PROTECTOR
			1	D4640-15	CEILING PROTECTOR
36		8	36	80-004-2-6	INSERT
	7		7	80-004-2-8	INSERT
36		8	36	MS27039-1-04	SCREW
	7		7	MS27039-1-05	SCREW
	3		3	MS27039-1-10	SCREW
	6		6	NAS1149F0363P	WASHER (AN960-10)

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Revision: G

Date: 13.01.03